ABSTRACT OF THE DISCLOSURE

When investigating a failure occurring in a transaction between information processing apparatuses, it is possible to reduce the time required for the failure investigation. A first local ID for identifying a transaction processing of first information processing apparatus is related with a standard ID for relating transaction processing of the first and the second information processing apparatuses with each other the related IDs and are stored in a first mapping table. The standard ID and a transaction processing request are transmitted to the second information processing apparatus to request execution of a transaction processing therefor. If a failure occurs in the requested transaction processing, a standard ID of the transaction processing concerned is specified to inquire a second local ID for identifying the transaction processing. Mapping information for relating the first local ID corresponding to the specified standard ID with the transmitted second local ID is generated.